

THE TOWNSHIP OF OCEAN

MONMOUTH COUNTY, NEW JERSEY

OAKHURST, N. J.

07788

WILLIAM R. BROWN
Department of Health
1-5000 Extension 21



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July 25, 1983

New Jersey State Department
of Environmental Protection
Div. of Waste Management
Hazardous Site Mitigation Admin.
8 E. Hanover St.
CN-028
Trenton, N.J. 08625

Re: Leachate pit located at Seaview Square Mall, Twp of Ocean.

On site inspectors: William Brown, Chief Sanitarian, William Schmidt
Plumbing Inspector, Hugh McCluskey, Twp. Engineer,
Thomas Meholic, Plant Superintendant, Ocean Twp.
Sewerage Authority.

Dear Steve:

Please be advised that a dye test was made on the leachate pit
located at Seaview Mall, Twp. of Ocean on July 20, 1983 at 2:00 p.m.
The finding of facts are as follows:

1. Dye was placed in the leachate pit and showed up within 5 minutes in the sanitary sewer. The observation point was a manhole located approximately 200' east of the site in question.
2. Dye was placed in a storm drain approximately 75' south of the site in question. The dye showed up in the stream south of the storm drain.
3. Dye was placed in the forced main located at the mini mall and the dye showed up in the sanitary sewer.
4. The leachate pit had a 4" overflow pipe connected to the storm drain. There is a 6" pipe with a steady flow of water going into the leachate pit.
5. There is a 18" pipe in the storm drain with a steady flow of water. There is a possibility that this water comes from the roof drains connected to the air conditioning units.
(condensation)

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6. The leachate pit contains a one pump system. If the pump fails to operate the waste that leaks off the old dump site would overflow into the storm drain through the 4" overflow pipe. The waste would then go into the stream south of the storm drain.

It is my recommendation that the following action be taken:

1. The leachate pit should be equipped with dual pumps with an alarm system set up in the mall to warn the management if one or both pumps fail. The overflow pipe should be removed and sealed off so no waste water could enter the storm drain.
2. The Department of Environmental Protection Agency should have the waste water going into the leachate pit and the storm drain tested. If toxic wastes are found then it should be the responsibility of Seaview Mall to pretreat the waste water going from the leachate pit into the sanitary sewer.

If you have any questions regarding this matter please contact me at your earliest convenience.

Very truly yours,



William R. Brown
Chief Sanitarian

WRB/dn

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